

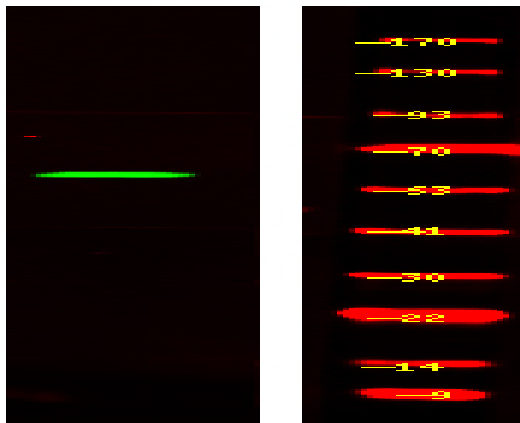
**CAMKK1/2 (Phospho Ser458/495) rabbit pAb**

<b>Catalog No :</b>	YP1723
<b>Reactivity :</b>	Human;Mouse;Rat
<b>Applications :</b>	WB
<b>Target :</b>	CAMKK1/2
<b>Fields :</b>	>>Alcoholism
<b>Gene Name :</b>	CAMKK1 CAMKKA
<b>Protein Name :</b>	CAMKK1/2 (Phospho-Ser458/495)
<b>Human Gene Id :</b>	84254
<b>Human Swiss Prot No :</b>	Q8N5S9
<b>Mouse Gene Id :</b>	55984
<b>Mouse Swiss Prot No :</b>	Q8VBY2
<b>Rat Gene Id :</b>	60341
<b>Rat Swiss Prot No :</b>	P97756
<b>Immunogen :</b>	Synthesized peptide derived from human CAMKK1/2 (Phospho-Ser458/495)
<b>Specificity :</b>	This antibody detects endogenous levels of CAMKK1/2 (Phospho-Ser458/495) at Human, Mouse,Rat
<b>Formulation :</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Source :</b>	Polyclonal, Rabbit,IgG
<b>Dilution :</b>	WB 1:500-2000

<b>Purification :</b>	The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.
<b>Concentration :</b>	1 mg/ml
<b>Storage Stability :</b>	-15°C to -25°C/1 year(Do not lower than -25°C)
<b>Molecularweight :</b>	56kD
<b>Background :</b>	The product of this gene belongs to the Serine/Threonine protein kinase family, and to the Ca(2+)/calmodulin-dependent protein kinase subfamily. This protein plays a role in the calcium/calmodulin-dependent (CaM) kinase cascade. Three transcript variants encoding two distinct isoforms have been identified for this gene. [provided by RefSeq, Jul 2008],
<b>Function :</b>	catalytic activity:ATP + a protein = ADP + a phosphoprotein.,domain:The autoinhibitory domain overlaps with the calmodulin binding region and may be involved in intrasteric autoinhibition.,domain:The RP domain (arginine/proline-rich) is involved in the recognition of CAMKI and CAMK4 as substrates.,enzyme regulation:Activated by Ca(2+)/calmodulin. Binding of calmodulin may release intrasteric autoinhibition. Partially inhibited upon phosphorylation by PRCAKA/PKA (By similarity). May be regulated through phosphorylation by CAMK1 and CAMK4.,function:Calcium/calmodulin-dependent protein kinase that belongs to a proposed calcium-triggered signaling cascade involved in a number of cellular processes. Phosphorylates CAMK1, CAMK1D, CAMK1G and CAMK4. Involved in regulating cell apoptosis. Promotes cell survival by phosphorylating AKT1/PKB that inhibits pro-apoptotic BAD/Bcl2-antagonist of cell de
<b>Subcellular Location :</b>	Cytoplasm . Nucleus .
<b>Expression :</b>	Amygdala,Brain,
<b>Tag :</b>	orthogonal
<b>Sort :</b>	25202
<b>No4 :</b>	1
<b>Host :</b>	Rabbit
<b>Modifications :</b>	Phospho

Products Images

## Jurkat



Western Blot analysis of Jurkat cell, 2, LPS 100ng/mL 30min treated ,using primary antibody at 1:1000 dilution. Secondary antibody(catalog#:RS23920) was diluted at 1:10000